

9 September 2021

### Invitation to Tender

Vattenfall Eldistribution invites qualified flexibility service providers (FSPs) to submit Tenders for the provision of the Flexibility Services set out below.

Qualified FSPs are firms that have provided details of their assets and received confirmation by email of that their assets have qualified. Only Tenders that detail qualified assets will be considered.

### Flexibility Services

- The Flexibility Services are to be provided in one of the Periods and during the hours of Alternative A or Alternative B, set out below.
- The Period and the Alternative are specified by the FSP in its Tender form.
- During the hours covered by the Period and Alternative that the FSP has specified, the FSP guarantees that:
  - for all hours for which a 09.00 day ahead temperature forecast published by the Swedish Meteorological and Hydrological Institute (SMHI) reaches -5 degrees Celsius or below, the FSP will be available to provide up regulation up to the level in MW per hour specified by the FSP in its Tender, and;
  - when requested to do so, the FSP will provide up regulation for the hours requested up to the specified level.
- For the hours requested, up regulation shall be provided as an average for a full hour (MWh/h).
- The FSP shall in the Tender specify the maximum volume of up regulation in MW per hour that it is willing to provide at the Activation and Availability Prices the FSP has specified. The FSP shall also indicate whether it is willing to provide a lower volume than the maximum, at the same Activation and Availability Prices.
- The minimum up regulation that shall be provided is 0.1 MW. Above that, up regulation shall be provided in increments of 0.1 MW.
- The FSP shall specify the minimum notice period that it requires prior to activation. The minimum notice period shall be no longer than 24 hours.
- The Flexibility Services shall be provided in Vattenfall Eldistribution's regions Stockholm North and/or Stockholm South and/or Ellevio's region in Stockholm City, as specified by the FSP in the Tender Form.

Period	Dates
Winter 2021/22	30 November 2021 to 31 March 2022
Winter 2021/22 and Winter 2022/23	30 November 2021 to 31 March 2022, 30 November 2022 to 31 March 2023
Winter 2021/22, Winter 2022/23 and Winter 2023/24	30 November 2021 to 31 March 2022, 30 November 2022 to 31 March 2023, 30 November 2023 to 31 March 2024

Alternative	Hours
Alternative A	Working days, selected hours between 07:00 to 11:00 and 17:00 to 21:00
Alternative B	All weekdays, all hours between 07:00 to 11:00 and 17:00 to 21:00

**Conditions**

- The Flexibility Services will be provided under a LongFlex Contract under the NODES Rulebook and will be subject to the terms and conditions set out therein.
- This includes that:
  - a) For hours when the FSP is activated, the FSP receives compensation at the Activation Price, adjusted based on the delivery percentage calculated for each hour the FSP is activated. For delivery percentages at 80% or above, the FSP receives 100% of the Activation Price. Where the delivery percent is less than 80%, the Activation Price is reduced linearly until it reaches 0% at 40% delivery.
  - b) The FSP receives compensation at the Availability Price for hours specified by the FSP in its Tender Form, adjusted based on an Average Monthly Delivery Percentage. If the Average Monthly Delivery Percentage is 80% or above, the FSP receives 100% of the Availability Price for Delivery Periods covered by the LongFlex Contract that fall within the relevant month. Where the Average Monthly Delivery Percentage is less than 80%, the Availability Price for the month is reduced linearly until it reaches 0% at 40%.
  - c) FSPs who choose to have the NODES Platform automatically generate orders using the relevant Platform functionality<sup>1</sup> receive compensation for availability and activation for hours where the temperature forecast is higher than -5 degrees Celsius, should orders automatically be generated by the Platform for such hours. For such hours, the Activation Price will be calculated depending on delivery percentage as set out in point a). For the purpose of calculating the Average Monthly Delivery Percentage, the delivery percentage for such hours shall be deemed to be 100%.
  - d) Please refer to the Rulebook for detailed Rules on how the Average Monthly Delivery Percentage is calculated.
  - e) The terms set out in the document “LongFlex for Network Operators” shall apply to Qualified FSPs that classify as Network Operators under NODES Rulebook.
- In case of any discrepancy between this ITT and the Rulebook, the Rulebook shall take precedence.

**Payment**

- The FSP shall be paid an Availability Price and an Activation Price, as set out in NODES Rulebook.
- The Activation Price per hour shall be defined by the FSP in its Tender. The Activation Price is a maximum price.<sup>1</sup> The Activation Price can be no higher than SEK 10 000 MWh per hour.
- The Availability Price shall be defined by the FSP in its Tender per MWh per hour.

**Submission of Tenders**

- Tenders must be submitted using the Tender Form and sent by email to [member.services@nodesmarket.com](mailto:member.services@nodesmarket.com) by the end of 21 September 2021.
- All fields marked with \* in the Tender Form shall be filled in by the FSP where indicated.

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<sup>1</sup> On NODES' Platform, the FSP can choose to have the Platform automatically generate orders for the hours covered by the Period and the Alternative. Automatically generated orders are generated at the Activation Price specified in the Tender. The FSP can edit the price of automatically generated orders downwards. An FSP can also choose not to have NODES' platform automatically generate orders. In that case the FSP is responsible for placing orders onto the Platform at or below the Activation Price specified in the Tender.

- The Tender Form must be signed by a legal representative of the FSP.

**Evaluation of Tenders**

- Tenders from qualified FSPs that meet the above criteria will be ranked based on Availability Price, adjusted for the relevant impact factor. Impact factors will be made available by Vattenfall Eldistribution when flex resources are pre-qualified.
- Starting with the lowest priced Tender, Vattenfall Eldistribution will award LongFlex Contracts at the Availability Price per MWh per hour until flexibility needs are met or until no further tenders are available.
- Tenders for Flexibility Services provided in the regions Stockholm North, Stockholm South and Stockholm City will be evaluated separately for each region.
- Vattenfall Eldistribution reserve the right to award LongFlex Contracts for a total volume that is higher or lower for each area. This includes that Vattenfall Eldistribution reserves the right to award no LongFlex Contracts.